

AMENDMENTS TO THE CLAIMS

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the applications:

Listing of Claims:

Claim 21 (New): A call connection management equipment for a communication network between a calling terminal and a called terminal, comprising:

a connection setter adapted to generate call connection information to perform call connection between an interface and another interface on a communication route;

a connection register to store said call connection information with corresponding calling terminal ID and corresponding called terminal ID;

a history storage to store call connection histories for each combination of the calling and called terminal IDs, and to judge whether a call connection history corresponding to a combination of the calling and called terminal IDs read from a call connection request is stored therein;

a comparator configured to compare said call connection history with a predetermined condition, and judge whether the call connection history satisfies the predetermined condition; and

a connection establisher adapted to establishes a call connection between said interface and said other interface based on said call connection information stored in said connection register when a corresponding combination of the calling and called terminal IDs is stored in said history storage and said call connection history satisfies the predetermined condition, and to establish the call connection based on new connection information generated by said connection setter when a corresponding combination of the calling and called terminal IDs is not stored in said history storage or said call connection history does not satisfy the predetermined condition.

Claim 22 (New): The call connection management equipment according to Claim 21, wherein said interface is a wireless base station.

Claim 23 (New): The call connection management equipment according to Claim 21, wherein said other interface is another wireless base station.

Claim 24 (New): The call connection management equipment according to Claim 22, wherein said other interface is a gateway switch for connecting said wireless communication network and another communication network.

Claim 25 (New): The call connection management equipment according to Claim 21, wherein said interface is a mobile communication controller.

Claim 26 (New): The call connection management equipment to Claim 22, wherein said other interface is another mobile communication controller.

Claim 27 (New): The call connection management equipment according to Claim 22, wherein said other interface is a gateway switch for connecting said wireless communication network and another communication network.

Claim 28 (New): The call connection management equipment according to Claim 21, wherein said interface and said other interface are ATM interfaces.

Claim 29 (New): The call connection management equipment for according to Claim 21, wherein said connection register is adapted to delete the registration of said connection information when said call connection history is judged as not satisfying the predetermined condition.

Claim 30 (New): The call connection management equipment according to Claim 21, wherein said connection register is adapted to delete the registration of said connection information when said interface to accommodate the calling terminal is switched.

Claim 31 (New): The call connection management equipment according to Claim 30, wherein said connection register is adapted to delete the registration of said connection information when a wireless base station to accommodate the calling terminal is switched.

Claim 32 (New): The call connection management equipment according to Claim 21, wherein said connection register is adapted to delete the registration of said connection information when a mobile communication controller corresponding to the calling terminal is switched.

Claim 33 (New): The call connection management equipment according to Claim 21, wherein said connection register is adapted to delete the registration of said connection information when said interface to accommodate the called terminal is switched.

Claim 34 (New): The call connection management equipment according to Claim 33, wherein said connection register is adapted to delete the registration of said connection information when a wireless base station to accommodate the called terminal is switched.

Claim 35 (New): The call connection management equipment according to Claim 33, wherein said connection register is adapted to delete the registration of said connection information when a mobile communication controller corresponding to the called terminal is switched.

Claim 36 (New): The call connection management equipment according to Claim 21, wherein said call connection history is a connection count between said calling terminal and said called terminal.

Claim 37 (New): The call connection management equipment according to Claim 21, wherein said call connection history is a cumulative communication time between said calling terminal and said called terminal.

Claim 38 (New): The call connection management equipment according to Claim 21, wherein said call connection history is a type of service used for communication between said calling terminal and said called terminal.

Claim 39 (New): The call connection management equipment for a wireless mobile communication network according to Claim 21, wherein said call connection history is a distance between said calling terminal and said called terminal.